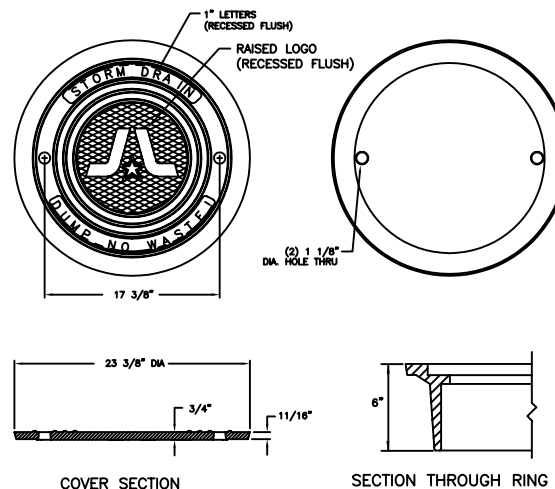
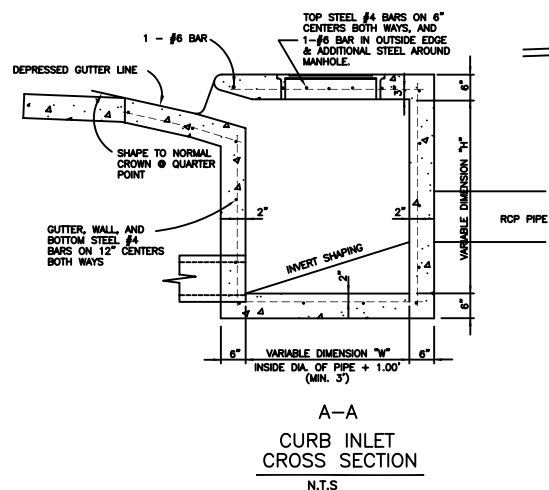


1. STEPS SHALL CONFORM TO ASTM C478-88c.
2. M.A. INC. IND. NUMBER "P51-PF" STEPS OR AMERICAN STEP CO., INC. NUMBER ML-10 OR APPROVED EQUAL TO BE INSTALLED PER MANUFACTURERS DIRECTION.
3. STEPS ARE REQUIRED FOR ALL INLETS 4" AND DEEPER.
4. STEPS SHALL BE PLACED 12" ON CENTERS VERTICALLY AND STAGGERED 12" ON CENTERS HORIZONTALLY.
5. THE TOP STEP SHALL BE NO GREATER THAN 1" BELOW THE INSIDE OF THE TOP OF THE INLET, AND THE BOTTOM STEP SHALL BE NO HIGHER THAN 2" FROM THE FLOOR.
6. STEPS SHALL BE PLACED ON A WALL WHICH WILL NOT COLLAPSE UNDER THE PIPE(S) AND SHALL BE EASILY ACCESSIBLE FROM THE MANHOLE OPENING.

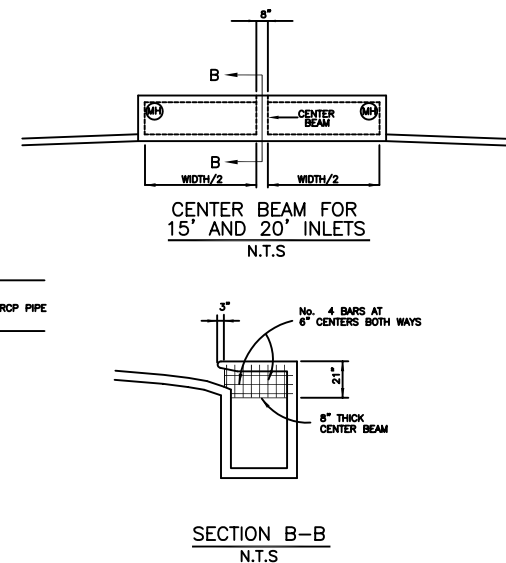
NON-CORROSIVE STEPS
N.T.S.



MANUFACTURER	REFERENCE NUMBER	APPROXIMATE WEIGHT
EAST JORDAN	106-6C	175
BASS & HAYS	226	175
OR APPROVED EQUAL		


COVER WILL BE NON-LOCKING TYPE. SPOT WELD INLET COVER TO RING IN AT LEAST 4 LOCATIONS TO PREVENT

LOGO MANHOLE COVER & FRAME



- NOTES:
1. ALL 15' AND 20' INLETS WILL REQUIRE A CENTER SUPPORT BEAM.
 2. ALL OPEN BACK INLETS WILL REQUIRE A CENTER BEAM, REGARDLESS OF INLET TYPE OR SIZE.

- GENERAL NOTES:
1. REINFORCING STEEL SHALL BE #4 BARS ON 12" CENTERS BOTH WAYS FOR GUTTER, DRAIN, EAVE, FINIT AND BACK WALLS AND #4 BARS ON 6" CENTERS BOTH WAYS FOR TOP SLAB. AN ADDITIONAL #6 BAR SHALL BE PLACED IN THE FRONT EDGE OF THE TOP SLAB IN THE INLETS AND ADDITIONAL REINFORCING STEEL SHALL BE PLACED AROUND MANHOLES AS SHOWN.
 2. ALL REINFORCING STEEL SHALL BE GRADE 60.
 3. ALL CONCRETE SHALL BE CLASS "A".
 4. ALL EXPOSED CORNERS SHALL BE CHAMFERED 3/4"
 5. ALL REINFORCING STEEL SHALL HAVE A MINIMUM COVER OF 2".
 6. ALL BACKFILLING SHALL BE PERFORMED BY MECHANICAL TAMPING TO 95% STANDARD PROCTOR DENSITY.
 7. IF MODIFYING AN INLET, I.e. CREATING AN OPEN BACK INLET, THE TOP SLAB BE REMOVED AND RECONSTRUCTED.
 8. LOCATION OF MANHOLE OPENING TO BE AT OUTFALL END.
 9. ALL 15" AND 20" INLETS WILL REQUIRE TWO MANHOLES ONLY IF THE INSIDE HEIGHT (UNDER THE CENTER BEAM) IS LESS THAN FOUR FEET.
 10. LIGHT BROOM FINISH ON ALL SURFACES.

REVISIONS		
REVISIONS		
 CITY OF ARLINGTON, TEXAS		
PROJECT NUMBER		
PROJECT NAME		
(PROJECT LIMITS)		
DATE:	SCALE:	SHEET OF
DESIGNED BY:	DRAWN BY:	CHECKED BY: